The HVAC program introduces students to the knowledge base and technical skills of the HVAC industry including certified curriculum taught throughout eight courses.

AM courses are offered to first year students HVAC I - HVAC IV, which is nationally certified curriculum adopted by the WV Department of Education through NCCER (National Center for Construction Education Research). PM courses are mainly offered to second year students as elective courses. This includes basic control circuits, heating systems, commercial air condition and air conditioning applications.

What are the classes about?

• Learn the knowledge and skills of the fundamental principles and service techniques for needed to install, maintain, diagnosis and service a wide range of HVAC and refrigeration equipment.

• Completers of the HVAC program have a wide range of opportunity in this industry. Included are sales, service, installation and design. Position available through HVAC apprenticeships programs, local/nationwide HVAC business, plants/utility companies, hospitals, schools, apartment complex, residential & commercial business.

What skills will students learn?

• Students will develop necessary skills to trouble shoot, service, repair and install heating, air conditioning and refrigeration equipment.

Students will also perform several “hands-on” activities including performance/application text book study. These include safe work practices with the use of hand power tools and test equipment. Students are actively engaged in trouble shooting live heating and air conditioning/refrigeration equipment. They develop skills necessary to repair refrigeration, electrical and air distributions related problems. Academic work includes basic safety (OSHA), trade related math, and tools of the trade. The curriculum includes construction drawings, material handling, study of refrigeration systems, refrigerants/proper handling, electrical, heating systems, air properties, measurements and systems trouble shooting.

What Certifications are available?

• OSHA 10 safety certification  
• EPA refrigerant  
• HVAC through National Center for Construction Education Research Career Readiness (NCCER)

What jobs/job titles are available to the students after graduation?

• Installers  
• Service Technicians  
• Counter Sales

• Service Managers  
• Design Technicians  
• Sales Person

What work skills will be needed for these jobs?

• Mathematical  
• Enjoying working with your hands

• Strong concentration  
• Strong communication and reading

What skills should a student have to be successful in your program?

Students need to be safety minded, display good work ethic, meet industry standards in reading, comprehension and math, develop good employability/communications skills and the ability to perform physical labor. Students will also need to be drug free.
OUR VISION: START HERE...
To equip students with essential occupational skills.

OUR MISSION: ...SUCCEED ANYWHERE
To produce career and college ready graduates who will thrive in the modern economy.